

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method of producing, from a workpiece, a finished disc ~~component~~ for a gas turbine engine, the workpiece having a hub ~~portion~~ and a disc ~~portion~~ extending radially outwardly from the ~~hub portion~~, hub, the method including:

forming a support surface on the ~~hub portion~~, hub;

supporting the workpiece in a machine tool by means of the support surface in a manner which provides tool access to both axial faces of the ~~disc portion~~, disc; and

performing a sequence of machining operations alternately on opposite sides of the disc ~~portion~~ while maintaining the support of the workpiece by means of the support surface.
2. (Currently Amended) The A-method as claimed in claim 1, wherein the finished disc ~~component~~ is produced from a forged workpiece.
3. (Currently Amended) The A-method as claimed in claim 1, wherein ~~in which~~ the support surface is cylindrical and aligned with a longitudinal axis of the workpiece.
4. (Currently Amended) The A-method as claimed in claim 1, wherein ~~in which~~ the support surface is an internal surface of the ~~hub portion~~, hub.
5. (Currently Amended) The A-method as claimed in claim 1, wherein ~~in which~~ the support surface is an external surface of the ~~hub portion~~, hub.
6. (Currently Amended) The A-method as claimed in claim 1, wherein ~~in which~~ the workpiece is supported by a fixture which engages the support surface and is non-rotatably secured to the workpiece.

7. (Currently Amended) The A-method as claimed in claim 6, wherein, in which, in addition to the fixture, a tailstock engages the workpiece at a position spaced from the fixture.

8. (Currently Amended) The A-method as claimed in claim 1, in which the outer periphery of the disc ~~portion~~ is unconstrained during at least some of the machining operations.

9. (Currently Amended) The A-method as claimed in claim 1, wherein in which at least one of the machining operations is delayed after completion of the immediately preceding machining operation, until distortion resulting from the immediately preceding machining operation has taken effect.

10. (Currently Amended) The A-method as claimed in claim 1, wherein in which finish machining operations on the disc ~~portion~~ take place after all rough and semifinish machining operations on both axial faces of the disc ~~portion~~ have been completed.

11. (Currently Amended) The A-method as claimed in claim 1, wherein in which regions of the workpiece in which there is high residual stress are removed in machining operations occurring early in the sequence of machining operations.

12-14. (Canceled)

15. (New) A method of producing a disc assembly, comprising:
producing a finished disc according to the method of claim 1; and
including the finished disc in a disc assembly.

16. (New) A method of producing a gas turbine engine, comprising:
producing a finished disc according to the method of claim 1; and
including the finished disc in a gas turbine engine.

17. (New) The method as claimed in claim 1, wherein the machine tool is a lathe.